

# The Contest JUG



Newsletter of the  
NORTHERN CALIFORNIA CONTEST CLUB  
44 Toyon Terrace  
Danville, CA 94526

January 1985

NUMBER 152

PRESIDENT:	AJ6V	VP/CC:	N6TV	SECTY/TREAS:	KN6K
DIRECTORS:	K6HNZ, K6KLY, W6RGG, K6TMB	CQP:	K6XO	JUG POST PROD:	K6HNZ
JUG EDITORS:	K6RU/W6SZN	AWARDS:	KA6ING	FINANCE:	WA6AUE
PROGRAMS:		MEMBERSHIP:	K6HNZ		

## CQP: WA6VEF WINS AGAIN!

### COMING EVENTS

January 28:	Dinner meeting, Rick's Swiss Chalet (See map in this Jug)	February 5:	BOD meeting, W6RGG
February 2:	(Local time) -- CW Sprint	February 9:	(Local time) -- Phone Sprint

### W6TC TO SPEAK ON LOW BAND ANTENNAS

Our January meeting will be a dinner meeting at Rick's Swiss Chalet in Palo Alto. Featured speaker will be George Badger, W6TC, noted authority on antennas, who will speak to us on low band antennas and on his novel, easy to make, high power broad band baluns that were written up in Ham Radio. This talk is especially timely in view of the declining sunspots and our decision to enter the WPX Contest, where low band contacts count twice as much as high band contacts. George is well qualified to make this presentation: he's on the DXCC Honor Roll, has 5BDXCC, and needs only five zones for 5BWAZ (one on 40 and four on 80).

The NCCC Board of Directors has determined that the NCCC will submit a club entry in the upcoming WPX Contest (phone weekend March 30-31, CW weekend May 25-26). Single-ops are limited to 30 hours, so you sleepers out there have a chance. Contest rules appear elsewhere in this Jug. Read them carefully; there was some confusion over the multi-op rules for last fall's Sweepstakes. Our WPX effort will be a fun thing, not a high pressure affair, but who knows? In 1983, with minimal effort, we scored 12M while the winning club got 36M.

Now that we've warmed up in the ARRL QSO Parties, we'll try our hand at those tricky February Sprints. As far as the



ARRL DX Contest is concerned, we're encouraging joint members of the NCCC and NCDXC to support the NCDXC's effort to beat the SCDXC by submitting scores on behalf of the NCDXC. For the fall of 1985, sentiment seems to be stirring for the NCCC to make another stab at the CQWW.

Thanks to event chairman K6KLY, awards chairman KA6ING, master of ceremonies N6BT, and raconteur K6ZM, the Christmas banquet was enjoyed by all club members and their spouses. Congratulations to the awards recipients:

A "Devotion to Contesting Above and Beyond the Call of Duty" plaque was awarded to Ron Chiappari, N6AUV, for amassing 876 QSO's in the CW SS four weeks after a near-fatal heart attack.

"Host with the Most" to Tom Schiller, N6BT, for hosting more NCCC awards banquets and contest forums than anyone can remember, always with style and wit.

"World Class Contester" to Gary Caldwell, WA6VEF, for, among other accomplishments, establishing the U.S. record in the phone CQWW in 1983; being the only club member ever to win the ARRL Sweepstakes (phone, 1981); and being the only person to win the California QSO Party three times.

"50 Years in Amateur Radio" to Phil Frazier, K6ZM. During the last half century, Phil has inspired many.

"Rookie of the Year" to Goran Fagerstrom, SM0DRD, for enthusiastic participation in the past year's contests, including Sprints, SS, and the CQP.

CU in the Sprint. 73, Ed, AJ6V

#### CONTEST SCORES

##### CQWW Phone:

W6BIP (+WA6DJI, WA6PYN) 280K

##### CQWW CW:

W6BIP 447K

K6CSL 13K

N6HR 12K

##### ARRL 160 Meter Contest:

N6HR/KH6 70 x 31

##### ARRL QSO Party CW:

AJ6V 507 x 68

Others in the CW ARRL QSO Party were N6AUV, K6CSL, W6ISQ, W6KZJ, K6LRN, N6NF, K6XO, W6YX, N6RO, N6OP, and W6SZN.

THE 1984 CALIFORNIA QSO PARTY  
SPONSORED BY  
THE NORTHERN CALIFORNIA CONTEST CLUB

1984 WILL NOT GO DOWN AS A BANNER YEAR FOR THE NCCC SPONSORED CQP, BUT UNDAUNTED BY POOR PROPAGATION AND LESS ACTIVITY TO GO WITH IT, A FEW PARTICIPANTS MANAGED TO COME UP WITH DECENT SCORES. AGAIN, GARY, WA6VEF, OPERATED AT N6BT (WHILE TOM WAS OUT MOBILE WITH KIP, W6SZN) TO EARN YET ANOTHER CQP SINGLE OPERATOR HIGH SCORE PLAQUE. THE BIG BATTLE WAS FOR SECOND PLACE WITH CARL, AI6V (AT HOME) JUST NOSING OUT KEN, K6HNZ (PORTABLE IN YUBA COUNTY). CONGRATULATIONS TO KEN FOR AGAIN WINNING THE SINGLE OPERATOR EXPEDITION TROPHY. IT LOOKS LIKE HE HAS IT DOWN TO A SCIENCE - WONDER WHERE KEN IS GOING NEXT YEAR. IN THE MULTI-OPERATOR CATEGORY, THE PLAQUE THIS YEAR GOES TO RICH, WC6H AND COMPANY, WITH THIS YEAR'S LARGEST QSO TOTAL. SCOTT, WA0AVL, WINS THE OUT OF STATE HONORS AGAIN WITH ANOTHER EXCELLENT PERFORMANCE FROM ILLINOIS. THIS YEAR, THE CLEAN SWEEP WAS CONSIDERABLY MORE DIFFICULT, AND ONLY N6BT AND K6HNZ MANAGED ALL 58 MULTIPLIERS.

TOP TEN SINGLE OPERATOR SCORES IN CALIFORNIA:

CALL	QSOS	MULT	SCORE(K)	LOCATION
N6BT	1576	58	202.1	SANTA CLARA (WA6VEF, OPERATOR)
AI6V	1401	56	159.5	NEVADA (COUNTY)
K6HNZ	1373	58	159.2	YUBA (EXPEDITION)
NI6W	1276	56	158.1	SAN DIEGO
NE6I	1023	57	121.4	LOS ANGELES
K6RK	979	57	111.7	CALAVARAS
W6REC	1005	53	107.1	MODOC
AJ6V	956	54	106.5	GLENN
N6QW	718	53	79.8	SANTA CLARA
K6GSS	709	55	78.1	MONTEREY

TOP FIVE SINGLE OPERATOR SCORES OUT OF CALIFORNIA:

WA0AVL	352	53	38.1	ILLINOIS
WA5DTK	204	45	20.3	TEXAS
W3HDH	135	35	11.4	PENNSYLVANIA
WB5ROI	114	36	8.2	MISSISSIPPI
N0CLV	108	33	7.6	KANSAS

SOAPBOX: ...EXC WX, EXC STEAKS, LOUSY ANTENNA, LOUSY CONDX & LAZY OPS...K6YA; ...PLEASED TO BEAT MY LAST YEAR'S SCORE AND MY GOAL OF 100K...W6REC; ...HAD FUN AND ENJOYED THE CQP AGAIN THIS YEAR...W6TKF; ...HAVE ATTEMPTED TO FINISH LAST IN AS MANY CONTESTS AS POSSIBLE...MY SCORE SHOULD DO IT FOR YOURS - HI...N4DLE; ...STILL ENJOY THE CQP EACH YEAR!...W3HDH; PROPAGATION OR NOT, CQP IS STILL A GOOD CONTEST. TNX...WA5DTK; MNI TNX FOR ANOTHER FB TEST! MISSED 10M, BUT HAD GOOD LUCK ON OTHER BANDS. CU NEXT YEAR!...WA9MRU.



CALIFORNIA SCORES

STATION	QSOs	MULT	TOTAL	STATION	QSOs	MULT	TOTAL
***ALAMEDA***				***MARIPOSA***			
K6CSL	110	31	8,525	K6XD/M	9	8	144
***CALAVARAS***				***MERCED***			
K6RK	979	57	111,777	K6XD/M	9	8	144
***COLUSA***				***MODOC***			
W6SZN/M (+N6BT)				W6REC	1005	53	107,166
	2	2	8	AE6U	150	40	13,360
***DEL NORTE***				***MONDO***			
W6NAT	91	33	6,006	W6SX	17	8	408
***EL DORADO***				***MONTEREY***			
N6ESV/M	1	1	2	K6GSS	709	55	78,155
***FRESNO***				N6RZ	1	1	2
K6XD/M	22	9	396	WA6OCV	1	1	2
***GLENN***				***NEVADA***			
AJ6V	956	54	106,596	AI6V	1401	56	159,544
W6SZN/M (+N6BT)				W6SZN/M (+N6BT)			
	2	1	4		8	7	112
KI6P/M (W6SZN/N6BT OPRS)				KI6P/M (W6SZN/N6BT OPRS)			
	1	1	2		4	4	48
***KINGS***				***PLACER***			
K6XD/M	8	6	96	W6SZN/M (+N6BT)			
***LASSEN***					57	28	1,564
W6SZN/M (+N6BT)				KI6P/M (W6SZN/N6BT OPRS)			
	84	40	6,720		15	10	380
KI6P/M (W6SZN/N6BT OPRS)				***PLUMAS***			
	1	1	2	W6SZN/M (+N6BT)			
***LOS ANGELES***					21	14	700
NE6I	1023	57	121,467	KI6P/M (W6SZN/N6BT OPRS)			
***MADERA***					18	13	546
K6XD/M	5	4	40	***SACRAMENTO***			
***MARIN***				KV6H	256	40	21,200
K6LRN	57	25	4,250	N6ESV/M	3	3	18
K6YA (MULTI-OP)				***SAN DIEGO***			
	25	4	228	NI6W	1276	56	158,144
				KE6PY	35	18	1,638
				AA6EE	15	3	45

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## \*\*\*SAN FRANCISCO\*\*\*

WA6AUE	658	53	74,465
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## \*\*\*SAN JUAQUIN\*\*\*

WC6H (+K66BF, N7GM)	1621	57	182,400
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## \*\*\*SAN MATEO\*\*\*

WB6DSV	143	34	10,812
KB6WP	66	28	3,696

## \*\*\*SANTA CLARA\*\*\*

N6BT (WA6VEF DPR)	1576	58	202,130
N6QW	718	53	79,818
K6XN	170	34	11,560
K6XD/M	7	5	70

## \*\*\*SANTA CRUZ\*\*\*

AA6T (+NS6G, KA6LAF, SM0DRD)	945	55	106,480
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## \*\*\*SIERRA\*\*\*

W6SZN/M (+N6BT)	34	23	1,564
KI6P/M (W6SZN/N6BT DPRS)	4	4	48

## \*\*\*STANISLAUS\*\*\*

K6XD/M	5	5	55
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## \*\*\*TEHAMA\*\*\*

W6SZN/M (+N6BT)	13	10	290
KI6P/M (W6SZN/N6BT DPRS)	2	2	8

## \*\*\*TULARE\*\*\*

WA6OCV	60	26	3,120
N6RZ	21	16	1,008
WSIFC	20	13	780
K6XD/M	18	13	537

## \*\*\*TUOLUMNE\*\*\*

K6XD/M	22	11	572
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## \*\*\*VENTURA\*\*\*

W6TKF	297	45	27,090
N6VR	169	43	14,878
N6EX	37	15	1,110

## \*\*\*YOLO\*\*\*

NGESV/M	81	29	4,536
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## \*\*\*YUBA\*\*\*

K6HNZ	1373	58	159,268
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## OUTSIDE CALIFORNIA

## \*\*\*VERMONT\*\*\*

WA1TBV	15	12	360
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## \*\*\*NEW JERSEY\*\*\*

W6BSY/M	18	12	504
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## \*\*\*NEW YORK\*\*\*

N2ETF	29	16	928
WB2IPX	12	12	288

## \*\*\*PENNSYLVANIA\*\*\*

W3HDH	135	35	11,480
W3ARK	39	-	-
W6BSY/M	11	8	176

## \*\*\*ALABAMA\*\*\*

WA4VEK	91	32	5,824
N4DLE	7	7	98

## \*\*\*FLORIDA\*\*\*

WK4F	50	21	2,100
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## \*\*\*KENTUCKY\*\*\*

WA4EBN	91	33	6,864
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## \*\*\*MISSISSIPPI\*\*\*

WB5ROI	114	36	8,208
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## \*\*\*TEXAS\*\*\*

WA5DTK	204	45	20,385
AG5C	80	28	5,684
WA5IYX	50	21	2,100
W5NR	14	9	378

## \*\*\*ALASKA\*\*\*

WL7K	25	20	1,000
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## \*\*\*MICHIGAN\*\*\*

KD8TM	76	25	4,450
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## \*\*\*OHIO\*\*\*

KA8MPT	36	14	1,008
N8DLH	16	14	448

## \*\*\*WEST VIRGINIA\*\*\*

W8VEN	55	20	2,200
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## \*\*\*ILLINOIS\*\*\*

WAQAVL	352	53	38,160
WA9MRJ	75	26	4,472
W9QWM	70	28	4,396
WD9IFS	32	18	1,152
KY9F	21	12	504

## \*\*\*INDIANA\*\*\*

KB0C	45	21	1,911
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## \*\*\*COLORADO\*\*\*

W0IZV	49	29	3,190
KR0U	41	21	2,058

## \*\*\*KANSAS\*\*\*

N0CLV	108	33	7,689
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## \*\*\*MINNESOTA\*\*\*

WD0HXQ	45	23	2,277
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## \*\*\*MISSOURI\*\*\*

K90CU	18	13	468
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## \*\*\*ONTARIO\*\*\*

VE3KK	36	24	2,592
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## \*\*\*BRITISH COLUMBIA\*\*\*

VE7XYL	15	10	300
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## \*\*\*BRAZIL\*\*\*

PY1NEZ	30	15	900
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SS SUMMARY SHEETS

Lots of you out there have not sent copies of SS summary sheets to N6TV. Forewarned is forearmed: NO AWARDS WILL BE GIVEN TO ANYONE NOT SENDING A SUMMARY SHEET TO BOB.



CALIFORNIA QSO PARTY ALL TIME SINGLE OPERATOR RECORDS

ALAMEDA	W6SZN	80	232,788	1939	57	ALABAMA	KD4XR	81	32,148	342	47
ALPINE	W6XB	79	70,700	707	50	ALASKA	AL7H	80	9,826	110	34
AMADOR	K6COF	75	136,304	1217	56	ARIZONA	K7GM	81	34,522	343	41
BUTTE	K6OO	78	35,700	357	50	ARKANSAS	WA5DTK	79	24,012	261	46
CALAVERAS	K6RK	84	111,777	979	55	COLORADO	WB0IWL	75	9,348	123	38
CALUSA	K6HNZ	80	97,240	884	55	CONNECT.	W1GNR	81	34,892	302	44
CONTRA CO.	K6ZM	83	244,006	1919	58	DELAWARE	N8NA/3	81	10,602	136	31
DEL NORTE	W6NAT	77	36,676	346	53	FLORIDA	N4BAA	81	51,303	453	49
EL DORADO	W6TPH	79	193,820	1762	49	GEORGIA	N4NX	79	26,602	283	33
FRESNO	W6DPD	77	8,584	116	37	HAWAII	AH6BL	79	8,514	129	47
GLENN	AJ6V	84	106,596	956	54	IDAHO	WALPID	75	54,172	467	58
HUMBOLDT	WB6SXJ	79	139,810	1271	55	ILLINOIS	WA0AVL	82	91,616	746	56
IMPERIAL	W6RWG	75	44,086	469	47	INDIANA	W9STW	75	13,158	153	43
INYO	WA6DZM	79	128,336	1234	52	IOWA	WD0EWD	82	91,190	750	55
KERN	W6BYH	80	53,459	441	49	KANSAS	WD0HAP	79	28,350	315	45
KINGS	K6OZL	75	17,040	213	40	KENTUCKY	W4XT	83	29,500	292	50
LAKE	K6HNZ	81	189,126	1659	57	LOUISIANA	W5WG	83	27,378	270	39
LASSEN	K6JKC	82	21,280	218	40	MAINE	WB1GLH	81	25,757	257	57
LOS ANG.	W6UE	82	255,954	2064	58	MD-DC	W3HOU	83	25,530	230	37
MADERA	K6HNZ	83	198,476	1711	58	MASS.	WA1UDH	83	18,582	187	38
MARIN	W6JZZ	75	35,010	389	45	MICHIGAN	WB8WKO	82	27,762	289	42
MARIPOSA	K6HNZ	82	199,288	1718	58	MINNESOTA	WD0GPX	82	30,258	294	41
MENDOCINO	NA6T	82	135,945	1116	57	MISS.	WB5ROI	84	8,208	114	36
MERCED	W6TPH	82	180,612	1434	58	MISSOURI	N0RJ	78	23,220	258	45
MODOC	W6REC	84	107,166	1005	53	MONTANA	W7JYW	75	19,006	221	43
MONO	W6SX	82	104,887	819	53	NEBRASKA	W0EKB	79	23,520	240	49
MONTEREY	K6OV	81	109,497	925	57	NEVADA	WA7NIN	83	73,776	606	53
NAPA	W6FSJ	83	95,817	703	57	NEW HAMPSH.	KLITS	81	28,413	268	41
NEVADA	A16V	82	240,062	2025	58	N. JERSEY	N2AEW	82	29,190	276	42
ORANGE	N16W	82	181,714	1360	58	N. MEXICO	N5RR	80	15,894	173	37
FLACER	W6SZN	81	121,275	953	55	NEW YORK	W2EZ	83	13,895	148	35
PLUMAS	K6KWN	83	21,879	187	39	N. CAROLINA	WA4GLE	79	12,836	172	38
RIVERSIDE	WA6KFX	80	43,142	385	45	N. DAKOTA	WD0CCL	78	15,200	190	40
SACTO	K16O	80	167,238	1302	57	OHIO	AA8S	79	23,970	255	47
S. BENITO	W6JQC	80	63,350	545	50	OKLAHOMA	N5AFV	81	24,432	164	44
S. BERNAL	WB6DAW	76	42,188	398	53	OREGON	W7CB	80	19,184	200	44
S. DIEGO	N16W	83	194,598	1516	57	PENN	W3HDH	81	33,096	318	42
S. FRAN.	N6BV	79	232,560	2040	57	RHODE IS	KLJA	79	13,104	168	39
S. JOAQU.	K6AYA	76	101,640	965	58	S. CAROLINA	K4BZD	78	7,722	117	33
L. LUIS	W7CB	82	221,328	1777	58	S. DAKOTA	W0WU	78	3,100	62	25
S. MATEO	N6BV	82	270,454	2245	58	TENN	K4LTA	80	36,585	340	45
S. BARB.	W6OUL	80	165,642	1301	57	TEXAS	WA5DTK	81	46,080	403	48
S. CLARA	N6BT	82	292,436	2350	58	UTAH	WA7KZP	71	2,204	76	39
S. CRUZ	N6RZ	80	276,892	2338	58	VERMONT	WALJGK	82	8,308	106	31
SHASTA	AA6DX	79	168,376	1619	52	VIRGINIA	WA4KKP	76	47,520	540	44
SIERRA	WB6YOW	79	15,336	213	36	WASH	N7ZZ	77	52,704	488	54
SISKIYOU	WA6HEV	83	33,100	331	50	W. VA.	W8VEN	82	5,356	103	26
SOLANO	K6H1H	83	164,024	1255	56	WISCONSIN	K9GDF	81	23,049	245	39
SONOMA	K6ZA	81	136,287	1194	57	WYOMING	WA8MAM	83	3,952	51	26
STANIS.	W6SZN	83	148,656	1076	57	MARITIME	VE1BNN	81	27,520	212	46
SUTTER	WA6TOO	78	93,138	817	57	QUEBEC	VE2EDK	83	9,372	102	33
TEHAMA	K6AAW	83	134,007	1004	57	ONTARIO	VE3DAP	79	16,112	212	38
TRINITY	WB6NBE	81	23,520	240	49	MANITOBA	VE4VV	79	12,768	168	38
TULARE	WA6KMW	77	14,400	200	36	SASK.	VE5US	75	5,680	71	40
TUOLUMNE	N6IP	79	38,976	406	48	ALBERTA	WB6IFA	69	1,407	67	21
VENTURA	N6TR	81	293,248	2373	58	BRIT. COL.	VE7DSA	77	20,056	218	46
YOLO	N6JV	81	88,776	724	54	NWT-YUKON	NO ENTRY				
YUBA	K6HNZ	84	159,268	1373	58	ASIA	JH3DPB	83	9,842	128	37
						EUROPE	SM3DXC	81	4,125	42	33
						S. AMER.	PY1NEZ	61	2,440	61	20



### NCCC DINNER MEETING

Monday, January 28

6:30 cocktails, 7:15 dinner, 8:15 talk by W6TC

Rick's Swiss Chalet (not Rickey's Hyatt House)

4085 El Camino Way (not El Camino Real), Palo Alto (415)4937575

We'll be ordering from the menu, so there's no need to let anyone know you're coming---just show up!





# The 29th Annual CQ World Wide WPX Contest

**S.S.B.: March 30–31, 1985**

**C.W.: May 25–26, 1985**

**Starts: 0000 GMT Saturday**

**Ends: 2400 GMT Sunday**

**I. Contest Period:** Only 30 hours of the 48 hour contest period permitted for Single Operator stations. The 18 hours of non-operating time may be taken in up to 5 periods anytime during the contest, and must be clearly indicated on the log. Multi-operator stations may operate the full 48 hours.

**II. Objective:** Object of the contest is for amateurs around the world to contact as many amateurs in other parts of the world as possible during the contest period.

**III. Bands:** The 1.8, 3.5, 7, 14, 21, and 28 MHz bands may be used.

**IV. Type of Competition:** 1. Single Operator (a) All Band, (b) Single Band. 2. Multi-operator, All Band only. (a) Single Transmitter (only one transmitter and one band permitted during the same time period, defined as 10 minutes, no exception), (b) Multi-Transmitter (one signal per band permitted). **NOTE:** All transmitters must be located within a 500 meter diameter or within the property limits of the station li-

censee's address, whichever is greater. The antennas must be physically connected by wires to the transmitter.

**V. Exchange:** RS(T) report plus a progressive three-digit contact number starting with 001 for the first contact. (Continue to four digits if past 1000.) Multi-transmitter stations use separate numbers for each band.

**VI. Points:** Contacts between stations:

**1. North America Only**

A) Contacts outside of North America count 3 points on 28, 21, 14 MHz, and 6 points on 7, 3.5, 1.8 MHz.

B) Contacts with other North American countries count 2 points on 28, 21, 14 MHz, and 4 points on 7, 3.5, 1.8 MHz.

C) Contacts within own country count 0 points but are permitted for prefix multiplier credit.

**2. Europe, Asia, Africa, Oceania, S. America**

A) Contacts outside of own continent count 3 points on 28, 21, 14 MHz, and 6 points on 7, 3.5, 1.8 MHz.

B) Contacts with other countries on

own continent count 1 point on 28, 21, 14 MHz, and 2 points on 7, 3.5, 1.8 MHz.

C) Contacts within own country count 0 points but are permitted for prefix multiplier credit.

**VII. Multiplier:** The multiplier is determined by the number of different prefixes worked. A "PREFIX" is counted once during the entire contest regardless of how many times the same prefix is worked.

A "PREFIX" is considered to be the three letter/number combination which forms the first part of an amateur radio call (N1, W2, WB3, K4, AA6, WD8, 4X4, DL7, G3, IT9, KH2, AL7, NP2, WP4, 9M2, CT9, 4J9, PY7, VK4, JE3, VE3, Y32, Y33, Y45, AN8, AB8, H44, KT4, etc.). A station in a call area different than that indicated by its call sign is required to sign portable. The portable prefix would be the multiplier. Example: W8IMZ/4 would count for prefix W4 only and W8IMZ/LX would count for prefix LX only.

Special event, commemorative, and other unique prefix stations are also encouraged to participate.



**VIII. Scoring:** 1. Single Operator (a) All Band score, total QSO points from all bands multiplied by the number of different Prefixes worked. (b) Single Band score, QSO points on the band multiplied by the number of different Prefixes worked. See VII.

2. Multi-Operated stations. Scoring in both these categories is the same as the All Band scoring for Single Operator.

3. A station may be worked once on each band for QSO point credit. However, prefix credit can be taken only **once** regardless of the number of different bands on which the same station and/or prefix has been worked during the entire contest.

**IX. QRPP Section: (Single Operator Only).** Power must not exceed 5 watts output to qualify for QRPP section competition. **You must denote QRPP on the summary sheet and state the actual maximum power output used for all claimed contacts.** Results will be listed in a separate QRPP section and certificates will be awarded to each top scoring QRPP station in the order indicated in Section X. These certificates will be marked QRPP and will show your power output. QRPP stations will be competing only with other QRPP stations for awards. All other information contained in these rules is applicable to this section.

**X. Awards:** Certificates will be awarded to the highest scoring station in each category listed under Section IV.

1. In every participating country.

2. In each call area of the United States, Canada, Australia, and Asiatic USSR.

All scores will be published. However, to be eligible for an award, a Single Operator station must show a minimum of 12 hours of operation. Multi-operator stations must show a minimum of 24 hours.

A single band log is eligible for a single award **only**. If a log contains more than one band, it will be judged as an all band entry, unless specified otherwise. However, a 12 hour minimum is required on the single band.

In countries or sections where the returns justify, 2nd and 3rd place awards will be made.

#### **XI. Trophies, Plaques and Donors:**

##### **S.S.B.**

##### **Single Operator, All Band**

WORLD - North Florida DX Assn.  
U.S.A. - Bob Epstein, K8IA  
CANADA - Ed Sleight, K4SB  
CARIB./C.A. - Arturo Gigante, Jr., H18GB  
EUROPE - Bernie Welch, W8IMZ  
\*JAPAN - Palm Garden Radio Club  
SO. AMERICA - Ron Moorefield, W8ILC  
OCEANIA - Down Under DX'ers  
AFRICA - Southeastern DX Club  
WORLD QRPP - Dayton A.R.A.

##### **Single Operator, Single Band**

WORLD - John N. Reichert, N4RV  
U.S.A. - Richardson Wireless Klub  
(Joe Johnson, W5QBM Memorial)  
U.S.A. - 7 MHz - William Diggins, WA8LXJ  
\*CANADA - Gene Krehbiel, VE7KB  
JAPAN - Ken Ruddock, K6HNZ  
\*JAPAN - 28 MHz - Joe Arcure, W3HNK & Toshi Kusano, JA1ELY (Terry Appleton, W4GSM Memorial Award)  
\*WORLD - 21 MHz - Lee Wical, KH6BZF  
WORLD - 7 MHz - William Diggins, WA8LXJ  
WORLD - 1.8 MHz - Arch Doty, Jr., K8CFU/4

##### **Multi-Operator, Single Xmtr.**

WORLD - Mike Badolato, W5MYA

##### **Multi-Operator, Multi-Xmtr.**

WORLD - Henry Thel, VE7WJ  
U.S.A. - Bert Curwen, KL7IRT

##### **Contest Expedition**

WORLD - Kansas City DX Club

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##### **C.W.**

##### **Single Operator, All Band**

\*WORLD - Canadian DX Assn.  
U.S.A. - Steve Bolia, N8BJQ  
\*CANADA - Canadian A.R.F.  
\*JAPAN - Palm Gardens Contest Club  
OCEANIA - Tom Morton, KT6V

##### **Single Operator, Single Band**

WORLD - Pedro Piza, Jr., NP4A  
(Pedro Piza, Sr., KP4ES Memorial)  
U.S.A. - Kansas City DX Club  
U.S.A. - 7 MHz - Dennis Younker, NE6I  
ASIA - Bruce Frahm, K0BJ  
WORLD - 3.5 MHz - Lance Johnson Eng.

##### **Multi-Operator, Single Xmtr.**

WORLD - Ron Blake, N4KE  
U.S.A. - Austin Regal, N4WW  
\*CANADA - Tetrahedral Contest Circle  
EUROPE - Jonas Bjarnason, TF3JB

##### **Multi-Operator, Multi-Xmtr.**

WORLD - North Florida DX Assn.  
NORTH AMERICA - Dick Weber, K5IU

##### **Contest Expedition**

WORLD - Ed Roller, K4IA

##### **Club (S.S.B. & C.W.)**

\*WORLD - Canadian DX Assn.  
(Bud Abraham, VE1VR Memorial)  
U.S.A. - Northern Ohio A.R.S.

*\*Donor is responsible for this trophy.*

Trophy and Plaque winners may win the same award **only once** within a **TWO** year period. This does not apply to any QRPP, Club, Expedition or CQ Special Awards. A station winning a World Trophy will not be considered for a sub-area award. That Trophy will be awarded to the runner-up for that area.

**XII. Club Competition:** A trophy will be

awarded each year to the club or group that has the highest aggregate score from logs submitted by members. The club must be a local group and not a national organization. Participation is limited to members operating within a local geographical area. **(Exception: DXpeditions especially organized for operation in the contest and manned by members.)** Indicate your club affiliation. To be listed, a minimum of three logs must be received from a club.

**XIII. Log Instructions:** 1. All times must be in GMT. The 18 hour non-operating periods must be clearly shown.

2. Prefix multipliers should be entered only the **FIRST TIME** they are contacted.

3. Logs must be checked for duplicate contacts and prefix multipliers. Recopied logs must be in their original form, with corrections clearly indicated. Computer logs must be checked for typing accuracy.

4. An alphabetical/numerical check list of claimed PREFIX multipliers must be sent along with your contest log. (A prefix is counted one time only.)

5. Each entry must be accompanied by a Summary Sheet listing all scoring information, the category of competition, and the contestant's name and mailing address in **BLOCK LETTERS**.

Also submit a signed declaration that all contest rules and regulations for amateur radio in the country of the contestant have been observed.

6. Official log and sample summary sheets are available from CQ. A large self-addressed envelope with sufficient postage or IRCs must accompany your request.

If official forms are not available, you can make your own with 40 contacts to the page.

**XIV. Disqualification:** Violation of amateur radio regulations in the country of the contestant, or the rules of the contest, unsportsmanlike conduct, taking credit for excessive duplicate contacts, unverifiable QSO's or multipliers will be deemed sufficient cause for disqualification. Actions and decisions of the **CQ WPX Contest Committee** are official and final.

**XV. Deadline:** All entries must be postmarked no later than **May 10, 1985** for the S.S.B. section and **July 10, 1985** for the C.W. section. **Indicate S.S.B. or C.W. on the envelope.** From isolated areas the deadlines can be made more flexible.

All logs go to: CQ Magazine, WPX Contest, 76 N. Broadway, Hicksville, NY 11801 U.S.A.

Questions pertaining to the WPX Contest can be sent to: WPX Contest Director, Steve Bolia, N8BJQ, via CQ Magazine, 76 North Broadway, Hicksville, NY 11801 U.S.A.

**Please remember to send in early for the WPX Contest Logs and Summary Sheets.**



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When you get your annual renewal notice from the ARRL, DON'T send your check to ARRL. Rather, send a check in the requested amount to our Secretary/Treasurer, Keith, KN6K, made payable to the Northern California Contest Club. Why? Since we are an ARRL affiliated club, we're entitled to keep \$2 of the annual dues amount (currently \$25) for our club treasury before forwarding the rest to ARRL.

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**KLM****30 Meter Monoband Yagis****30M-2****30M-2: SPECIFICATIONS**

Bandwidth: 10.1 to 10.150 MHz

Gain:

VSWR: less than 1.5:1

F/B:

Feed Impedance: 30 ohms

Element length: 35'3"

Boom: 3" O.D. x 12'

Turn Radius: 18'6"

Weight: 35 lbs

Windload: 4 sq ft

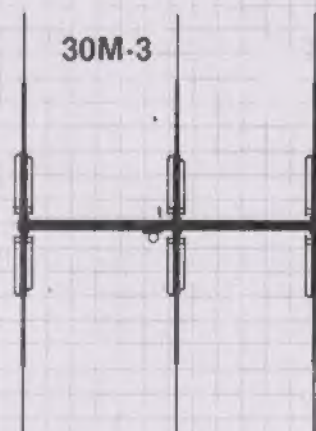
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**30M-3****30M-3: SPECIFICATIONS**

Bandwidth: 10.1 to 10.150 MHz

Gain:

VSWR: less than 1.5:1

F/B:

Feed Impedance: 50 ohms

Element length: 35'3"

Boom: 3" O.D. x 24'

Turn Radius: 21'5"

Weight: 50 lbs

Windload: 7 sq ft



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